

Tyrosinemia Follow Up Panel, Blood Spot

Test ID: TYRBS

Explanation: The assay performance issues affecting this test have been resolved. Testing will resume on the effective date.

Specimen Stability, Specimen Requirements, Reference Values and CPT codes have been updated, as indicated below.

Current Specimen Stability			
Specimen	Temperature	Time	Special Container
Whole blood	Ambient (preferred)	90 days	FILTER PAPER
	Frozen	90 days	FILTER PAPER
	Refrigerate	90 days	FILTER PAPER

New Specimen Stability			
Specimen	Temperature	Time	Special Container
Whole blood	Ambient (preferred)	21 days	FILTER PAPER
	Frozen	10 days	FILTER PAPER
	Refrigerate	10 days	FILTER PAPER

Current Specimen Required
<p>Preferred: Specimen Type: Blood spot Supplies: Card-Blood Spot Collection (Filter Paper) (T493) Container/Tube: Preferred: Blood Spot Collection Card Acceptable: Whatman Protein Saver 903 Paper, PerkinElmer 226 (formerly Ahlstrom 226) filter paper, Munktell filter paper, or blood collected in tubes containing heparin, ACD or EDTA and dried on filter paper.</p> <p>Acceptable: Specimen Type: Whole blood Container/Tube: Preferred: Lavender top (EDTA) Acceptable: Green top (sodium or lithium heparin) and yellow top (ACD) Specimen Volume: 2 mL</p>

New Specimen Required
<p>Preferred: Specimen Type: Blood spot Supplies: Card-Blood Spot Collection (Filter Paper) (T493) Container/Tube: Preferred: Blood Spot Collection Card Acceptable: Whatman Protein Saver 903 Paper, PerkinElmer 226 (formerly Ahlstrom 226) filter paper, Munktell filter paper, or blood collected in tubes containing EDTA and dried on filter paper.</p> <p>Acceptable: Specimen Type: Whole blood Container/Tube: Preferred: Lavender top (EDTA)</p> <p>Specimen Volume: 2 mL</p>

Collection Instructions: Send whole blood specimen in original tube. **Do not aliquot.**
Specimen Stability Information: Refrigerate (preferred) 4 days/Ambient 4 days

Collection Instructions: Send whole blood specimen in original tube. **Do not aliquot.**
Specimen Stability Information: Refrigerate (preferred) **3 days/Ambient 2 days**

Current Reference Value

TYROSINE:
<4 weeks 40.0-280.0 nmol/mL
> or =4 weeks 25.0-150.0 nmol/mL

PHENYLALANINE:
27.0-107.0 nmol/mL

METHIONINE:
11.0-45.0 nmol/mL

SUCCINYLACETONE:
<1.00 nmol/mL

NITISINONE:
<0.7 nmol/mL

New Reference Value

TYROSINE:
<4 weeks 40.0-280.0 nmol/mL
> or =4 weeks 25.0-150.0 nmol/mL

PHENYLALANINE:
27.0-107.0 nmol/mL

SUCCINYLACETONE:
<1.6 nmol/mL

NITISINONE:
<0.6 nmol/mL

Current CPT Code

84510
84030
82131
82542
80299
82542 only (if appropriate for government payers)

New CPT Code

84510
84030

82542
80299
82542 only (if appropriate for government payers)

Questions

Contact Melissa Tricker-Klar, Laboratory Resource Coordinator at 800-533-1710.